PiSECTOR™

PiSector All in ONE

Wireless GSM Alarm System

User Manual (GSM-06)

Read manual fully before use.

PiSector Inc., USA, www.pisector.com

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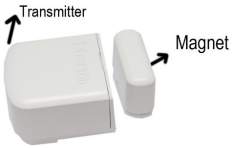
Main Features

- Quad-band worldwide cellular phone (900/1800/850/1900 MHz).
- Elegant touch keypad with easy to use detailed menu system.
- 128×64 lattice LCD screen with clock display (English/Chinese)
- 4 wired and 10 wireless (433MHz) defense zones; each wireless zone supports up to 10 sensors.
- Support for up to 8 remote controllers.
- Built-in loud speaker and intelligent voice announcer.
- Auto-play 10-second pre-recorded voice message on alarm (useful for giving address/GPS position to emergency services).
- Up to 6 phone numbers to dial out on alarm.
- Up to 3 SMS numbers: to send SMS to when alarm.
- Remote control by phone to arm, disarm, or intercom (listen-in).
- One-touch control: ARM (out arm), STAY (home arm) via touch keypad or arm and disarm via remote controller or telephone.
- 4 Arm Modes: out arm, home arm, delay arm and timely arm for scheduling arm / disarm times).
- 8 Defense Zone Places: SOS, fire, gas, door, hall, window, balcony, and boundary.
- 4 Arm Delay Modes: Real-time (immediate), 01-99 second delay, 24 hours (always-armed even if system disarmed), Disable
- Alarm calls have priority over all other calls if the device is busy.
- Direct wireless coding of any additional wireless accessories.
- Alarm History to store the last 30 alarm records.
- Arm via the main unit panel, remote controller, or remote call by phone.
- SMS alert of power failure and recovery.
- Built-in Lithium-Ion battery with automatic recharge.

1. Introduction

Install battery to all door sensors

1. Use your right thumbnail to pull bracket out a little bit(2mm)
2. Using thumb and forefinger, hold both sides of the cover and pull up



Open the cover and remove the insulated paper then close the cover.

Put small magnet next to sensor

Install battery to IR motion sensor

Install batteries and keep them switched off.

Know Your System

1. **LCD Screen**: Resolution: 128×64; English and Chinese display.
2. **LED Status Indicators**

   POWER: power and system activity indicator:

- fast flashing once per second: system is searching for GSM signal.
- slow flashing once per 3 seconds: system is in ready mode.

SET: is ON when the system enters setting mode.

SIGNAL: wireless signal indicator (used by wireless sensors).

ALARM: is ON if any sensor triggers or sets off an alarm.

3. **Touch Keypad**: Resistive Touch Panel requires gentle key pressing. Do not press the keypad heavily as this may reduce its sensitivity.

   ARM: press to enter OUT ARM status (gives you 40 seconds to leave home before system is armed).

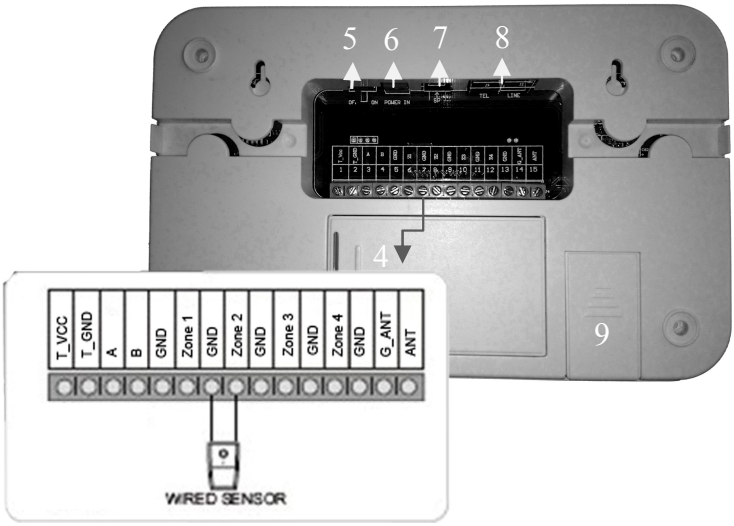
   STAY: press to enter HOME ARM status (deactivates all sensors with *Home* defense zone mode and activates all other sensors).

   CALL: For making phone calls. Enter the number you want to call, and then press this CALL button. Press again to end call (hang up).

   SOS: press to raise an emergency alarm.

   ESC: clears the input content or back to last operation.

   ENTER: confirms current command or operation.



4. Wired Port - Function interface of the main unit

1	T_VCC	External keyboard power supply 12V
2	T_GND	Ground External keyboard
3	A	Connecting external keyboard A
4	B	Connecting external keyboard B
5	GND	Ground
6	Zone 1	Wired sensor 1: support both NO and NC
7	GND	Ground
8	Zone 2	Wired sensor 2: support both NO and NC
9	GND	Ground
10	Zone 3	Wired sensor 3: support both NO and NC
11	GND	Ground
12	Zone 4	Wired sensor 4: support both NO and NC
13	GND	Ground
14	G_ANT	External antenna Ground
15	ANT	External antenna

5. **Internal Backup Battery Switch.**

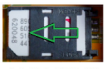
6. **Power port** for 12V 1.2AM adapter plug in

7. **SP:** Siren in for plug a external siren or wireless siren transmitter

8. **Tel:** Your exist telephone device connector port

   LINE: Main telephone line connector jack

9. **SIM Card Slot:** Please pay attention to the direction arrow marked on the slot: “LOCK” / “OPEN”. Do not insert or take out the SIM card when the main unit panel is powered on.



2. System Initialization

Correct initialization of the main unit panel is important to its normal working and lifespan.

1. Connect the wired accessories that you need.
2. Insert the SIM card.(NEVER insert SIM card during power on)
3. Connect the power adapter. The main unit panel will start self-inspection and the POWER indicator LED will flash once per second. If this LED does not light on, you need to restart the main unit panel. Please do it at least 10 seconds later as repeated power on and off in short times will shorten the service life of the system.
4. The POWER indicator will flash once every 3 seconds after finding GSM network successfully. This is the normal system state.
5. Turn on the internal backup battery switch on the back of the main unit panel.
6. Check the GSM signal icon on the LCD screen. Signal less than 3 bars will affect normal performance. Please place the main unit panel at a place with good GSM signal reception.

3. System Setting Instructions

3.1. Entering Setting Mode

All settings have to be done in the setting mode.

Use keys 2 / 8 / 4 / 6 as direction keys (up / down / left / right).

At the disarm state, input your 6-digit password (default: **888888**), then press ENTER. The main unit panel will sound a beep and the SET indicator lights on. The screen will display Remote Control menu.

Fig 1: disarm status

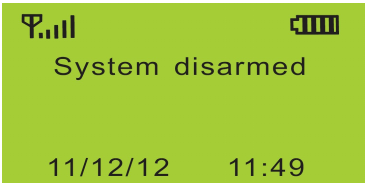


Fig 2: please enter password

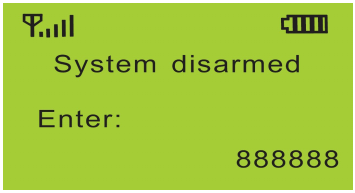
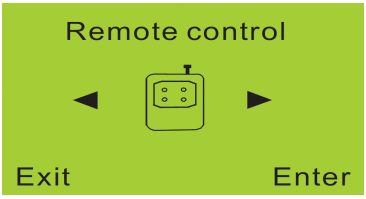


Fig 3: press ENTER to set



3.2. Adding Remote Controller

This system supports maximum 8 remote controllers (2 free remote controllers come with PiSECTOR Alarm System package have been coded). All extra remote controllers have to be coded with the main unit panel in order to perform correctly. Their code cannot be empty or the same as those already saved in the main unit panel.

Method: enter remote controller setting menu, press “4” or “6” to choose remote controller serial number, press “8” to find “Coding” and then press ENTER to confirm. Trigger the remote controller you want to add, the main unit panel will make two beeps after receiving it. And then press ENTER to confirm. If the remote controller has been saved before, after triggering it, the main unit panel will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig 1: enter remote control menu

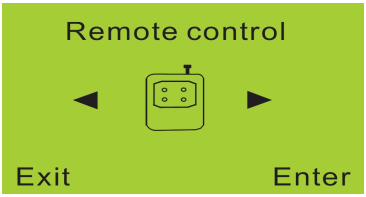


Fig 2: choose remote control serial number and coding menu

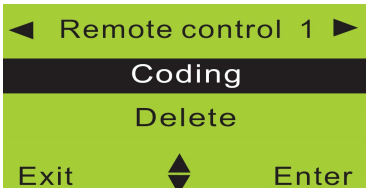


Fig 4A: recognize successfully

Fig 3: waiting to receive signal

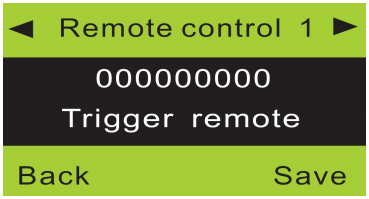
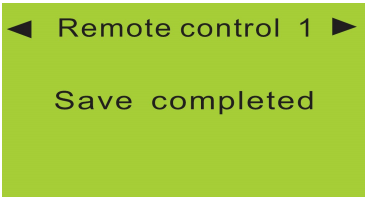


Fig 4B: the main unit has the same code with remote controller code

Fig 5: press ENTER to save



3.3. Deleting Remote Controller

If the remote controller is lost or damaged, it must be deleted immediately so no other person can control the main unit panel.

Method: enter remote controller setting menu, press “4” or “6” to choose the remote controller you want to delete. Press “8” to find “Delete”, and then press ENTER.

Operation figures:

Fig 2: choose the controller you want to delete

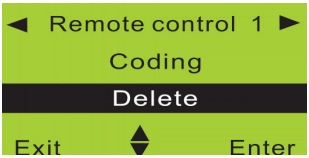


Fig 1: enter remote controller setting

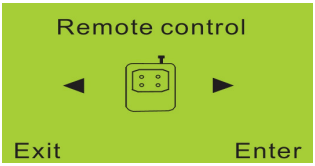
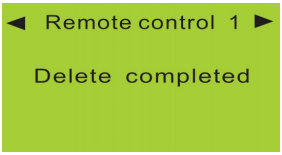


Fig 3: press ENTER to confirm



3.4. Add Sensors to main panel

This alarm system supports 10 wireless defense zones, each of zone supports up to 10 wireless sensors. All sensors and sirens in the standard package have been coded to the main unit panel, you do not need code/identify them again, if you want to add extra sensor late by yourself, you need code it to the main panel in order to perform correctly. The sensor cannot be the same as any of the saved sensors in the main unit panel has a unique address.

Method: press key 888888(default password) then press **enter**, then press “6” to choose zone menu, press **enter** you will see zone1 as Fig 2, if you press "6" will get zone2. zone3.. you choice which zone you want to code the sensor, then press “8” to find “Coding” then press ENTER to confirm. you will see "000000000" as Fig 3, then trigger the sensor you will see the sensor's address number as Fig 4A, then press ENTER to save it as Fig 5. If the sensor has been saved before, after triggering it, the main unit panel LCD screen will display “Error, Repeated code” as Fig 4B.

Operation figures:

Fig 2: choose zone number and press ENTER

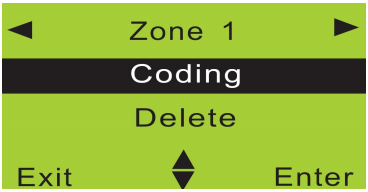


Fig 1: enter defense zone setting

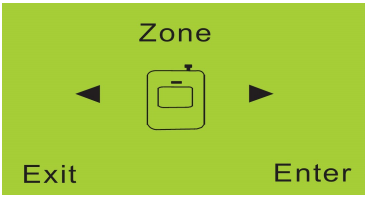


Fig 4A: recognize successfully

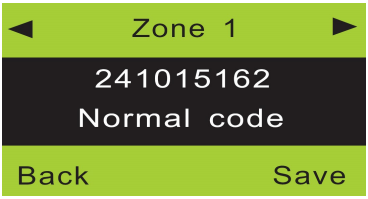


Fig 3: waiting signal from sensor

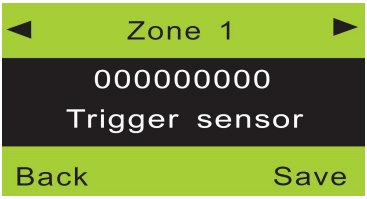
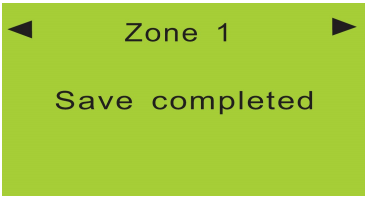


Fig 4B: the main unit has the same code with sensor code

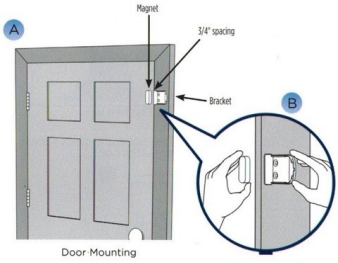
Fig 5: press ENTER to save



3.5. Installation of Door Sensors

All door sensors which come from PiSECTOR Alarm System standard box have coded to main panel, you do not need code them again.

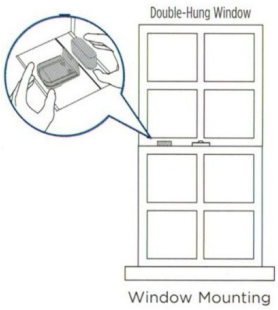
Door sensor used for detecting the status of open and close of windows and doors. It will detect it and send the signal to control panel.



NOTE: Please test each sensor before you mount the sensor to the appropriate location.

Place each sensor in the appropriate location.

Note: If possible, place the bracket on the stationary frame of door or window, and place the magnet on the door or window itself.



Various orientations between the Bracket and Magnet may be used as long as 3/4" distance is not exceeded. See Example in Figures 1-4

Figure 1.
Level Orientation

Figure 2.
Angled Orientation

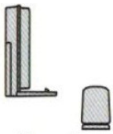
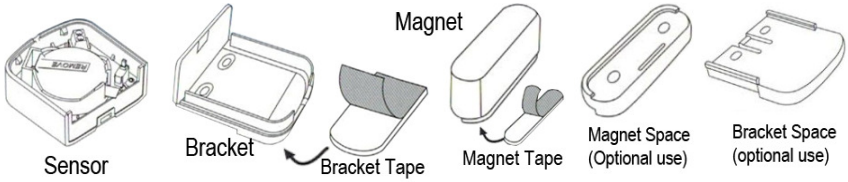


Figure 3.
Perpendicular Orientation

Figure 4.
Perpendicular Orientation

*NOTE: SPACERS IN BOTTOM TRAY MAY BE USED ON THE BRACKET OR MAGNET TO ADJUST ALIGNMENT

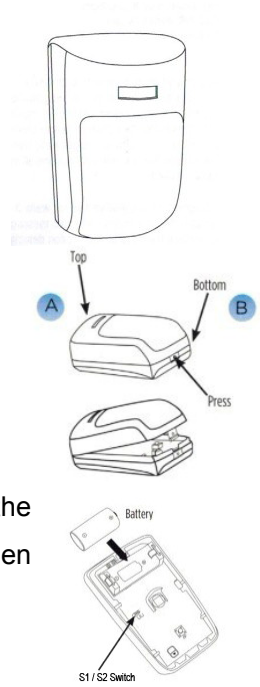
Once you have determined the appropriate location and orientation for the Bracket and Magnet, attach them with double-sided tape (the Magnet Space and Bracket Space are optional; only apply when your door/window gap is big or very low)



3.6. Installation of Wireless PIR Motion Sensors

Mount Motion Sensors:

Prepare Motion Sensor



Separate the front and back covers of the Motion Sensor by pressing the tab with your finger or the top of a pen (Figure A.B).

Remove insulating paper from batteryand close the cover. The sensor needs 2-3 minutes to initialize itself so it should be left in the room being mindful that no one triggers it while it is setting.

S1 switch for LED signal light. The default is set to on, but if you do not want a flashing light when the sensor detects an intruder, you can turn it off. When the battery is low, the LED light becomes yellow.

Make sure S2 at the DF position for system GSM06.

Note:Please test each sensor before you mount the sensor in the appropriate location.

Test the Motion Sensor

The Motion Sensor is in Walk Test mode during the first 3 minutes after the front cover is re-attached. During walk test mode, the LED blinks when motion is detected and then waits 60 seconds before resuming motion detection. During normal operation, the LED will remain on for 3 seconds when motion is detected until the Motion Sensor blinks once

again before resuming motion detection for next detector.

Move away from the area that is in direct line of sight of the Motion Sensor (move to an adjacent room). Wait 60 seconds until the LED stops blinking.

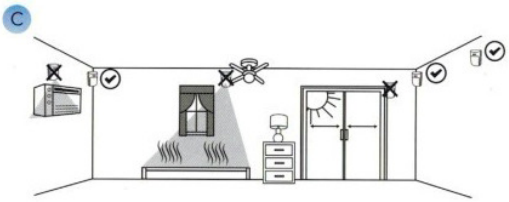
Move back into the line of sight of the Motion Sensor, walk around 3-5 steps. (this will trigger the main console).

If the Motion Sensor test is successful the LCD screen will display " xxx Sensor Alarm". If these words do not appear, either (A) the 20-second waiting period since the last trigger has not expired, or (B) the Motion Sensor is not in communication with the PiSECTOR system main console.

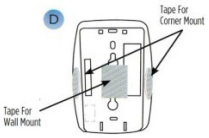
If you want to re-start the Walk Test mode again, open the Front Cover as shown in Figure 1 and then re-attach the Front Cover.

Mount Motion Sensor

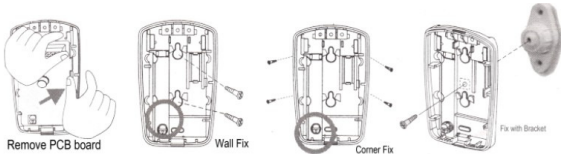
Place the motion sensor following the location recommendations (check marked locations) shown in Figure C. Avoid the example location marked with the "X" which are household areas that typically cause false alarms, such as heat, air conditioning, fans, or direct sunlight. The recommended mounting height is 6.5-7.0 feet for both coverage and pet immunity purposes.



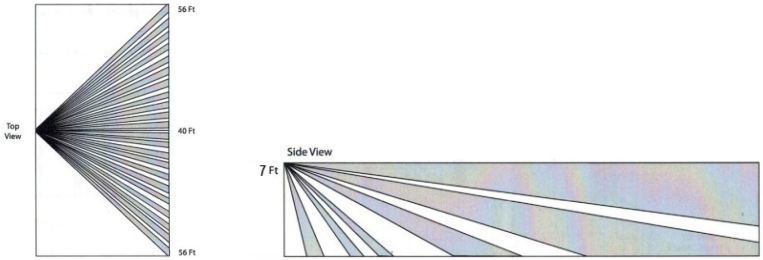
Apply the 3M adhesive tape in the locations shown in Figure D for corner mounting or wall mounting.



If you prefer to use screws to mount the motion sensor, follow the screw position shown in Figure E (optional)



Detection Patterns



Motion sensor Specifications

Replacement Battery: CR123A

The best Mounting Height: 6.30 Feet

Work temperature: less than 34 degree

Range: Approximately 40 feet with 90 degree field of view (45 degrees to each side)

Deleting Defense Zone

The wireless detector cannot trigger the main unit panel after it is deleted.

Method: enter zone setting menu, press Enter, then press “4” or “6” to choose the zone number which you want to delete, then Press “8” to find “Delete”, and then press ENTER. Operation figures:

Fig 1: enter defense zone setting

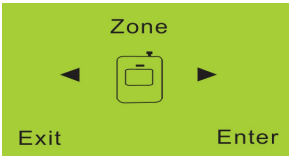
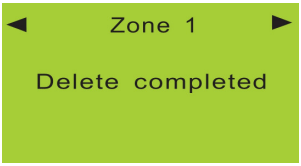


Fig 2: choose zone number

Fig 3: choose Delete and press ENTER



3.7. Setting Defense Zone Places

The location of defense zone can be set in the main unit panel, so that the main unit panel can send detailed alarm messages. There are 8 locations for alarm: **SOS, fire, gas, door, hall, window, balcony,** and **boundary**.

Please refer to “Chapter 6. Technical Parameters” for default settings.

Method: enter defense zone setting menu, press “4” or “6” to choose the zone number, and then press “2” or “8” to enter zone place menu. Press ENTER will shift the places.

Operation figures:

Fig 1: enter defense zone setting

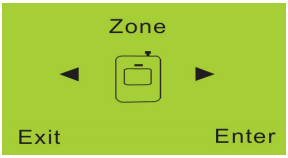


Fig 2: choose defense zone place

Fig 3: press ENTER to confirm

Fig 4: (this example)

Before setting, the alarm SMS for zone 1 is: **01 zone fire alarm**;

After setting, it is: **01 zone gas alarm**.

The format of alarm SMS: **[01~10] zone [place] alarm**. For example, you set the place of zone 4 as “Window”. The alarm SMS you receive is: 04 zone-B01(sensor number) window alarm.

3.8. Setting Defense Zone Modes

There are different defense zone modes: out arm, home arm, arm and disarm mode. For example, if you need gas detectors working all the time, then please set ARM, HOME, and DISARM all enabled.(Note: Such as CO detector, smoke detector needs a independent zone, do not set those detector with window/door sensor or motion sensor in one zone, we advice user set motion sensors in one zone, window/door sensors in other zone separate)

Method: enter defense zone setting menu, press “2” or “8” to choose HOME arm status (enable or disable), press ENTER to confirm. Setting methods for OUT arm and DISARM are the same.

Operation figures:

Fig 1: enter defense zone setting

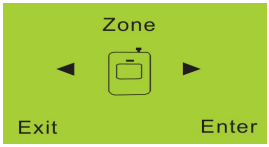


Fig 2: choose mode

Fig 3: press ENTER to confirm

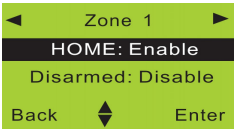


Fig 4: (this example)

Before setting, zone 1 does not alarm in home arm status;

After setting, it will alarm when triggered in home arm status.

3.9. Setting Defense Zone Siren

The siren can be set on or off when there is an alarm for each defense zone independently.

Method: enter defense zone setting, press “2” or “8” to choose siren enable or disable, and then press ENTER to confirm.

Operation figures:

Fig 1: enter defense zone setting

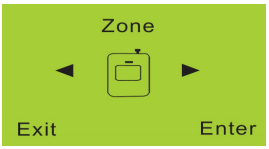


Fig 2: choose siren status

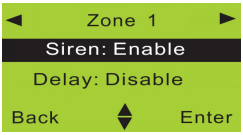


Fig 3: press ENTER to confirm

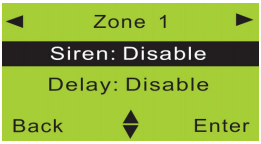


Fig 4: (this example)

Before setting, the siren is on when zone 1 alarms;

After setting, siren will not sound when zone 1 alarms.

3.10. Alarm Delay Setting

Alarm delay: the main unit panel will make alarm call and the siren will go off (if enabled for this zone) after a preset delay time.

Method: enter defense zone setting, press “2” or “8” to choose delay enable or disable, and then press ENTER to confirm.

Operation figures:

Fig 1: enter defense zone setting

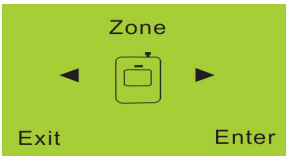


Fig 2: choose delay status

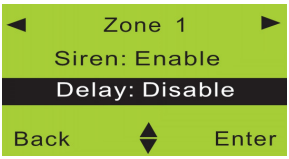


Fig 3: press ENTER to confirm

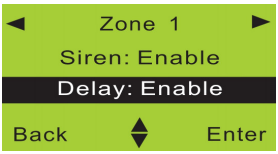


Fig 4: (this example)

Before setting, the panel makes alarm and the siren rings immediately when zone 1 is triggered;

After setting, alarm will be after the preset time. (set the delay time under system setting)

3.11. Adding Phone Number

This system can store up to 6 phone numbers. When triggered, the system will call out these numbers in order until someone answers the call. The system will redial three times at most.

Without the approval and consent of relevant authorities, do not set any of the dial out numbers to "911", "112" or "999" or any other emergency service provider.

Method: enter phone number setting menu, press "4" or "6" to choose Phone1 or Phone2, Phone3....Phone6 and then press ENTER. Input the number you want to set, then press ENTER to save.

Operation figures:

Fig 1: enter phone number setting

Fig 2: choose serial NO.

Fig 3: input phone number

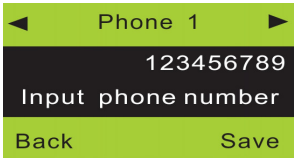


Fig 4: press ENTER to save

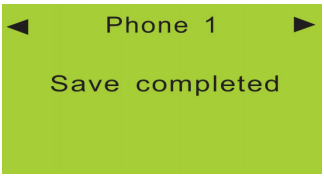
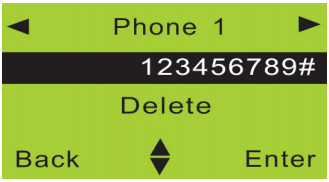


Fig 5: the 1st number is set successfully



3.12. Deleting Phone Number

Method: enter phone number setting, press “4” or “6” to choose serial number, then press “8” to choose “Delete” and then press ENTER to confirm.

Operation figures:

Fig 1: enter phone number setting menu

Fig 2: choose the number you want to delete

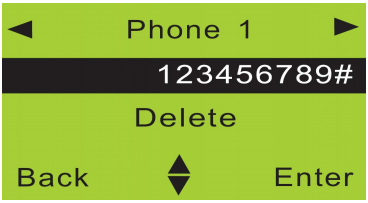


Fig 3: choose “delete”

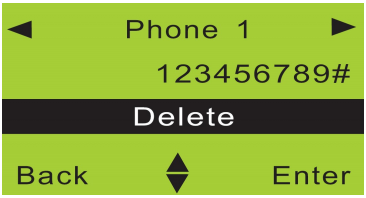


Fig 4: the 1st number is deleted

3.13. Adding SMS Cell Phone Number

This system can store 3 SMS receiving cell phone numbers. When alarming, it will send SMS to all these numbers.

Method: enter SMS number setting, press “4” or “6” to choose SMS 1 or SMS 2 or SMS 3 and then press ENTER. Input the number you want to set, then press ENTER to save.

Operation figures:

Fig 1: enter SMS number setting

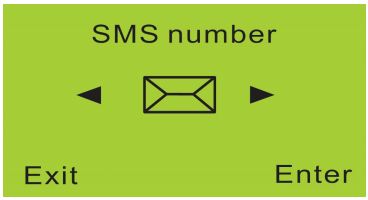


Fig 2: choose serial number and press ENTER

Fig 3: input SMS receiving number

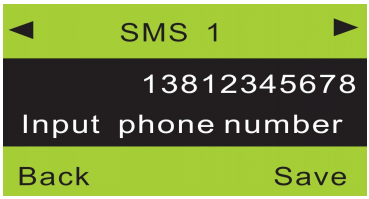


Fig 4: press ENTER to save

3.14. Deleting SMS Cell Phone Number

Method: enter SMS number setting, press “4” or “6” to choose serial number, then press “8” to choose “Delete” and then press ENTER to confirm.

Operation figures:

Fig 1: enter SMS number setting

Fig 2: choose the number you want to delete

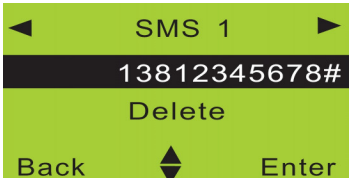


Fig 3: choose “delete”

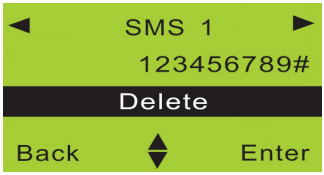
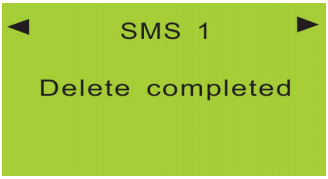


Fig 4: the 1st number is deleted



3.15. Set Net Work Center Function

The network function of community shall be supported by the monitor center, the protocol of monitor center shall be compatible with the system's protocol, otherwise the networking may not work. This system supports phone center and SMS network center. If you need to use the network function, please contact us. The setting of network function includes center phone numbers, user IDs, and other parameters.

Set center phone number: enter the Network Centers menu, and the Phone Center menu, and then press ENTER key to enter setting status. Input the phone center number and save it. The detailed operation diagram is as follows:

Diagram1: Enter Network Centers menu

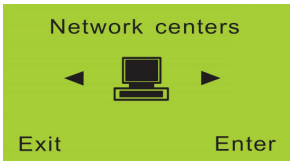


Diagram2: Choose Phone center menu, and then confirm.

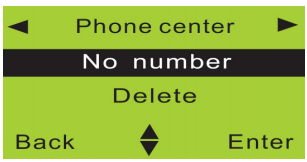


Diagram3: Input center phone number

Diagram3: Input center phone number

Set user ID: enter the Network Centers menu, and the Phone Center menu. Press Key 6 to move right to choose the User ID menu and

press Enter. Input the user ID, press Save key to save it.

The detailed operation diagram is as follows:

Diagram1: Enter Network Centers menu

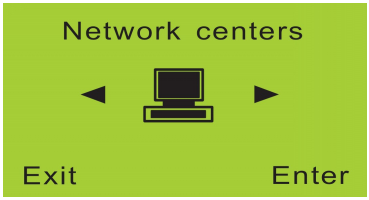


Diagram2: Choose user ID and confirm.

Diagram3: Input user ID

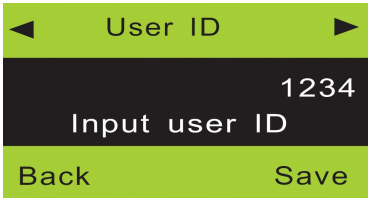
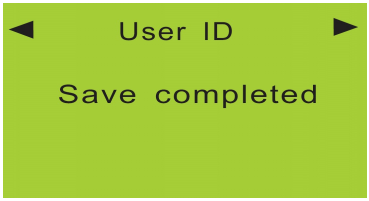


Diagram4: Save the user ID



Upload system arming/disarming report to the network center: enter Network centers menu, and then enter the Phone Center menu. Press Key 6 to move right to choose the Arm Report menu, and press ENTER key to enable/disable this function.

The detailed operation diagram is as follows:

Diagram1: Enter Network centers menu

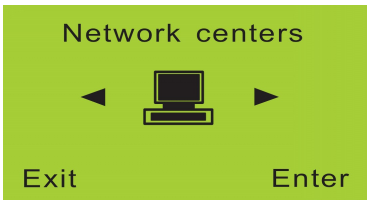
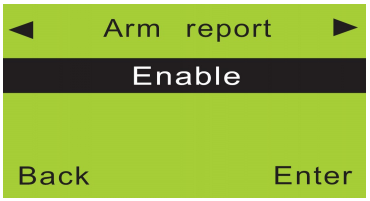


Diagram2: Choose Arm report menu

Diagram3: Choose to enable/disable the function of arm report



3.16. Voice Recording

This system can make 10-second voice recording for user to give out instructions to emergency services when the system is triggered.

Method: enter record setting, and start by choosing “Start recording” and immediately start recording your voice message. The system will stop recoding after 10 seconds.

Operation figures:

Fig 1: enter record setting

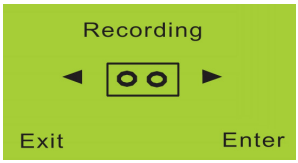


Fig 2: start recording

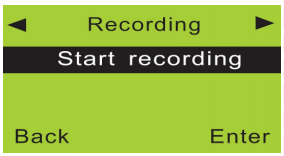
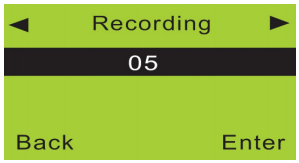


Fig 3: record for 10 seconds



3.17. Voice Recording Replay

Enter Recording setting, and then press “6” to choose “Play”. The main unit panel will start playing the voice message you have recorded. You can re-record until you are satisfied with the message.

Operation figures:

Fig 1: enter record setting

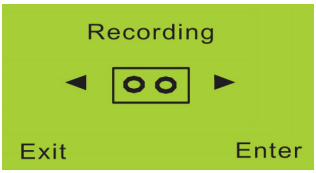


Fig 2: you’ll see this menu

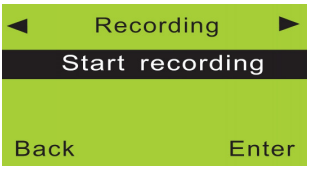


Fig 4: press ENTER to play the record

Fig 3: press “6” to choose “play”

3.18. Setting System Date

The date format is MM/DD/YY. (“YY” setting is from 00-99)

Method: enter “Time” menu, and then choose “Date”. Input the exact date you want to set and press ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

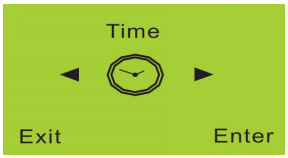


Fig 2: choose date setting menu

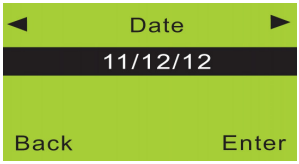


Fig 3: input the date

Fig 4: press ENTER to save

3.19. Setting System Time

Time in this alarm system is 24-hour system. Enter “Time” menu, you will see “Date” menu, then press “6” to choose “Time”. Input the exact time you want to set and press ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

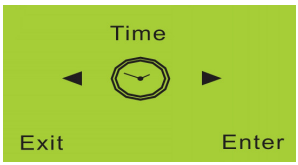


Fig 2: you’ll see date setting menu

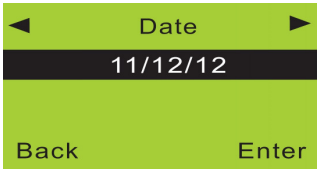


Fig 3: press “6” to choose “time”

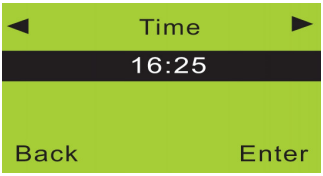


Fig 4: input the time

Fig 5: press ENTER to save

3.20. Scheduling Timely Arm

This feature is also called Timely Arm. After setting the required arm start time, the alarm system will arm itself at the pre-set time.

(Note: disable the timely arm, just set time over 24hours, e.g. 24:03 , this function will disable)

Method: enter “Time” menu, you will see “Date” menu, then press “6” to choose “Timely arm”. Input the exact time you want to start the arming period and press ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

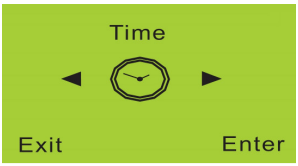


Fig 2: you’ll see date setting menu

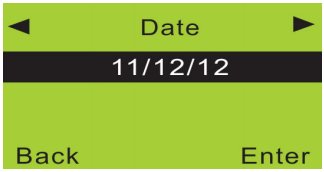


Fig 4: input the time you want to set

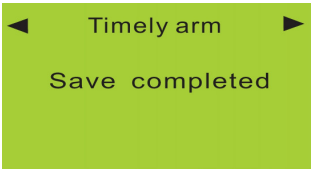
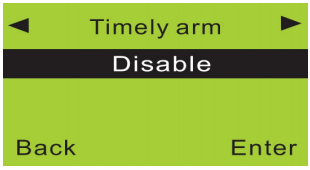


Fig 3: press “6” to choose “timely arm”



3.21. Scheduling Timely Disarm

This feature is also called Timely Disarm. After setting the required disarm start time, the alarm system will disarm itself at the pre-set time.(Note: disable the timely disarm, just set time over 24hours, e.g. 24:03 , this function will disable)

Method: enter “Time” menu, you will see “Date” menu, then press “6” to choose “Timely arm”. Input the exact time you want to start the disarming period and press ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

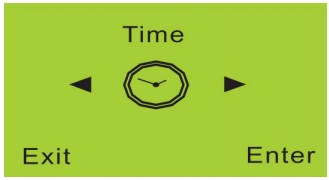


Fig 2: you’ll see date setting menu

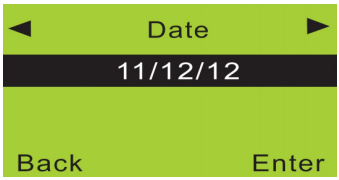
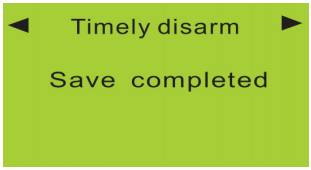
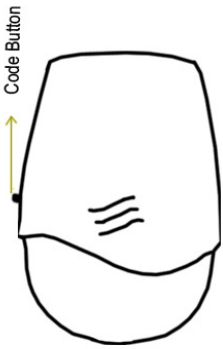


Fig 3: press “6” to choose “timely disarm”

Fig 4: input the time you want to set



3.22. Wireless Siren Coding



If you want to add a extra wireless siren to the main unit panel, you need code/identify the siren to main panel in order to work correctly. (Main panel have build -in a transmitter for wireless siren, the wireless siren which come from PiSECTOR ALARM SYSTEM BOX has coded with Main panel, customer just place the siren to where you like inside house or outside house, and connect the 12V 0.5A power adapter to a wall out plug, if you armed the main panel and trigger a sensor, siren will goes off)

Method: Go to the wireless siren and press the code button on the wireless siren until you see all 4 lights are on. This means the siren is in setting status waiting for the console to send a signal. Then go back to the console. Then select "**Wireless Control**" menu on the main unit panel and press Enter to **Enable**. Press "6" to select "**Transmission**" press **Enter**. The main unit panel will send a wireless signal to the siren. You will hear a beep from siren, mean add successful

Operation figures:

Fig 1: enter Wireless Control menu

Fig2: control menu

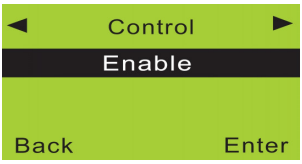


Fig3: Press "6" to choose Wireless siren

Fig 4: After pressing ENTER key, the main unit will transmit a wireless signal to control the wireless siren.

3.23. Wireless Siren Code Encryption

The alarm signal code used with the wireless siren is sent from the internal transmitter of the main unit panel. The code of this signal is the same for all wireless alarm systems produced by PiSector Inc. If you and your neighbor are using the same model, the alarm signal from your neighbor may cause your siren to sound off too. It is therefore recommended that you encrypt the wireless siren to avoid interference (or use external transmitter).

Method: enter "Wireless Control" menu, and then "Control" menu. Press

“6” to choose “Wireless siren”, then press “8” to choose “Encryption”. Input 4 numbers randomly and then save it, **BE AWARE**, any time you change this Encryption code, you need re-program your siren again.

Operation figures:

Fig 1: enter wireless control menu

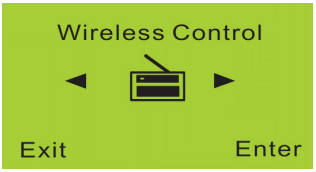


Fig 2: control menu

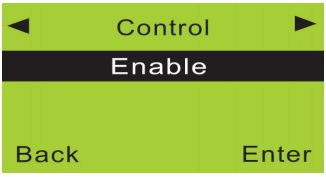
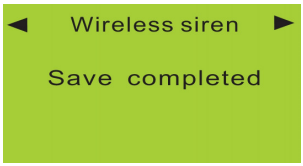


Fig 3: press “6” to choose wireless siren

Fig 4: input 4 numbers randomly

Fig 5: press ENTER to save



3.24. Change Operation Password

The operation password is used for daily use of the system (disarm or remote control). The default operation password is **1234**.

Method: Enter “Settings” menu, and then “Operate password”. Input the 4-digit password you want to set, and save it.

Operation figures:

Fig 1: enter settings menu

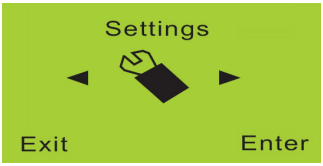


Fig 2: enter operate password menu

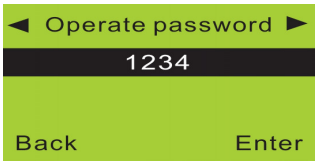


Fig 3: input the 4-digit password

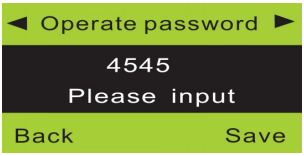
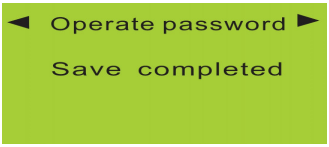


Fig 4: save it



3.25. Change Program Password

The program password is used for system setup (default is **888888**).

Method: Enter “Settings” menu, and then “Operate password”, press “6” to choose “Program password”. Input the 6-digit password you want to set, and save it.

Operation figures:

Fig 1: enter settings menu

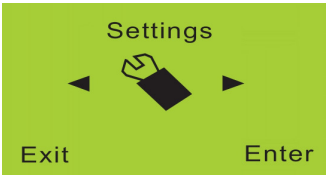


Fig 2: you’ll see “Operate password” menu

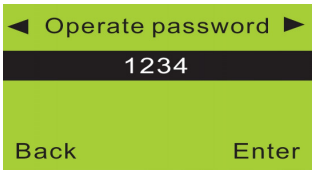


Fig 3: press “6” to choose program password

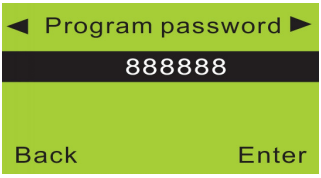
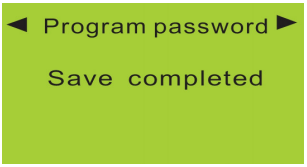


Fig 4: input password and save it



3.26. Setting Arm Delay Time

After setting, the system will enter OUT ARM status after the preset delay time. Delay time ranges from 01-99 seconds. The system default time is 60 seconds.

Method: Enter “Settings” menu, then you will see “Operate password”. Press “6” to choose “Delay arm”. Input the time you want to set and save it.

Operation figures:

Fig 1: enter settings menu

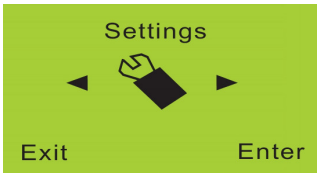


Fig 2: you’ll see “Operate password” menu

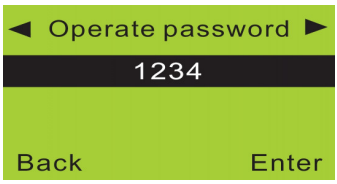


Fig 3: press “6” to choose “delay arm”

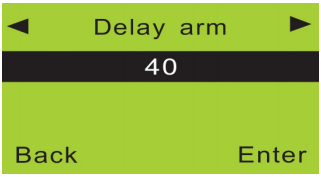
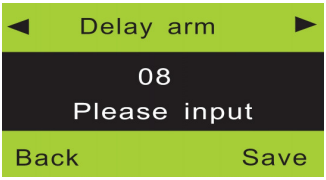


Fig 4: input time and save it



3.27. Setting Alarm (Call Out) Delay Time

After setting, when there is an alarm, the system will call out after the preset delay time. Delay time ranges from 01-99 seconds. The system default time is 60 seconds.

Method: Enter “Settings” menu, then you will see “Operate password”. Press “6” to choose “Delay alarm”. Input the time you want to set and save it.

Operation figures:

Fig 1: enter settings menu

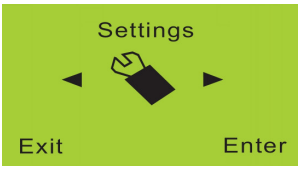


Fig 2: you’ll see operate password menu

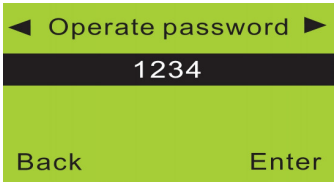


Fig 3: press “6” to choose “delay alarm”

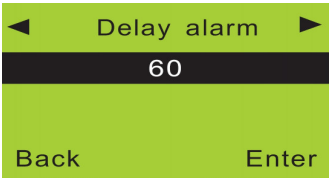
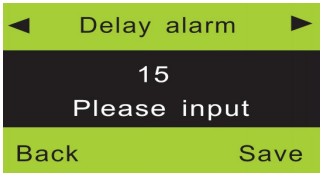


Fig 4: input time and save it



3.28. Voice Prompt Setting

The main unit panel has voice prompt feature. For example when user press arm or disarm on the remote controller, it will give voice prompt. The system default for the voice prompt is on. Users can disable or enable it according to actual need.

Method: Enter “Settings” menu, then you will see “Operate password”. Press “6” to choose “Voice prompt” and choose “Enable” or “Disable”.

Operation figures:

Fig 1: enter settings menu

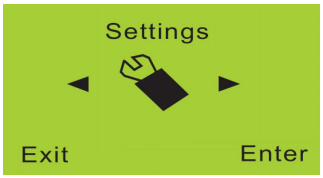


Fig 2: you’ll see operate password menu

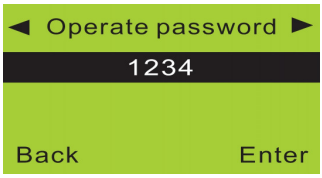


Fig 3: press “6” to choose “voice prompt”

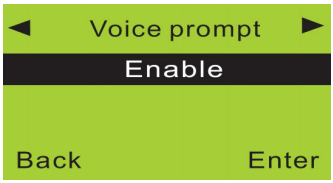
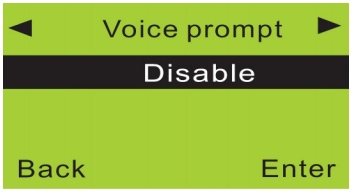


Fig 4: choose enable/ disable



3.29. Siren Prompt Setting for Remote Controller

If enabled, the siren will sound a short beep each time you press the remote controller. System default is disabled.

Method: Enter “Settings” menu, and then you will see “Operate password”. Press “6” to choose “Siren prompt” and choose “Enable” or “Disable”.

Operation figures:

Fig 1: enter settings menu

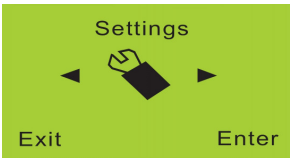


Fig 2: you’ll see operate password menu

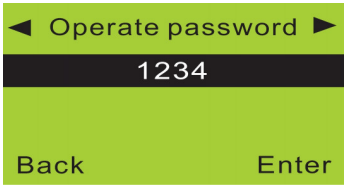


Fig 3: press “6” to choose “siren prompt”

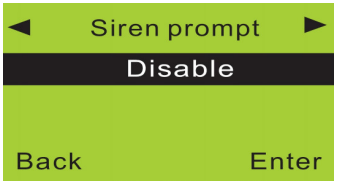
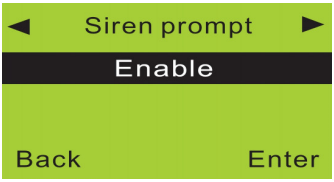


Fig 4: choose enable/ disable



3.30. Backlight Setting

The backlight of the LCD screen and keypad will be off automatically after a certain period of time when there is no operation on the keys. Users can set it keep on if required. System default is disabled.

Method: Enter “Settings” menu, and then you will see “Operate password”. Press “6” to choose “Backlight on” and choose “Enable” or “Disable”.

Operation figures:

Fig 1: enter settings menu

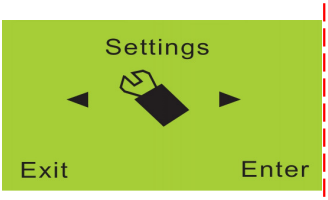


Fig 2: you’ll see operate password menu

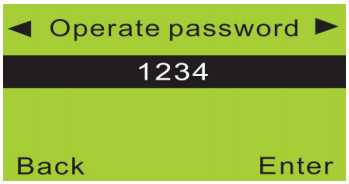
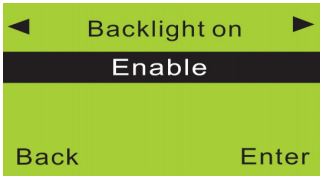


Fig 3: press “6” to choose “backlight on”

Fig 4: choose enable/ disable



3.31. Siren Setting in “Emergency” Mode

When you press the emergency button of the remote controller, the siren does not normally sound as this feature is disabled by default. Users can enable/disable according to the actual need.

Method: Enter “Settings” menu, and then you will see “Operate password”. Press “6” to choose “Remote siren” and choose “Enable” or “Disable”.

Operation figures:

Fig 1: enter settings menu

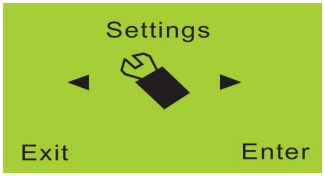


Fig 2: you’ll see operate password menu

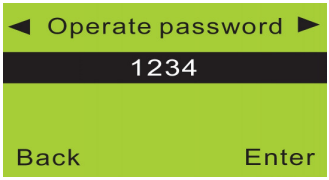


Fig 3: press “6” to choose “remote siren”

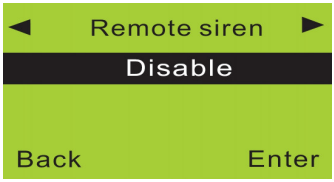
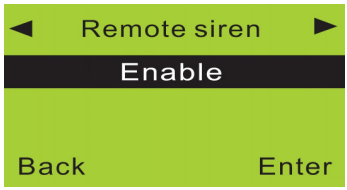


Fig 4: choose enable/ disable



3.32. Arm / Disarm SMS Notification

When a user arms or disarms the system, other users can be notified automatically via SMS notifications to all SMS numbers. The SMS message content will be one of the following arm modes:

Out arm | System armed | Out disarm | System disarmed.

Method: Enter “Settings” menu, and then you will see “Operate password”. Press “6” to choose “Arm disarm SMS” and choose “Enable” or “Disable”.

Operation figures:

Fig 1: enter settings menu

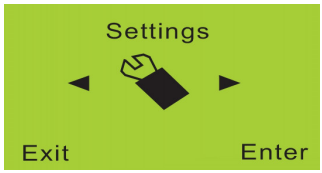


Fig 2: you’ll see operate password menu

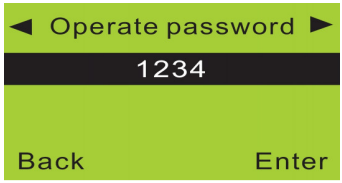


Fig 3: press “6” to choose “arm disarm SMS”

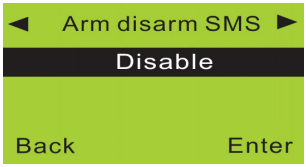
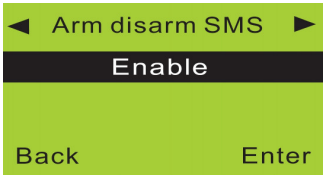


Fig 4: choose enable/ disable



3.33. Language Setting

This alarm system supports English and Chinese languages. Please enter the “Settings” menu, and you will see “Operate password”. Press “6” to choose “Language”. Press **ENTER** to **switch** between languages.

Operation figures:

Fig 1: enter settings menu

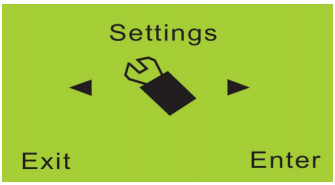


Fig 2: you’ll see operate password menu

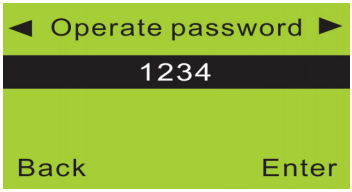


Fig 3: press “6” to choose “language”

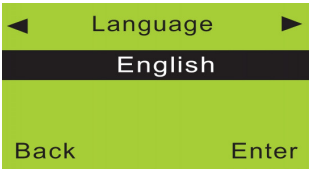


Fig 4: choose the version you need

3.34. Set Max Ring Times Before Answering

Call the main panel, after the ringing circle, the main panel will active automatically. then you can remote control the alarm system follow prompt.

Operate: enter settings menu, press ENTER, enter operate password, then you will see Line Rings, enter a number which you want to system active after how many rings

Diagram1: Enter Settings menu

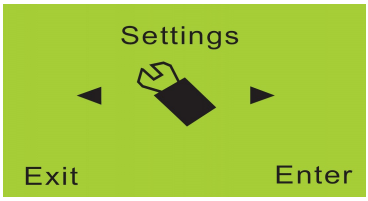


Diagram2: Enter Operate password menu

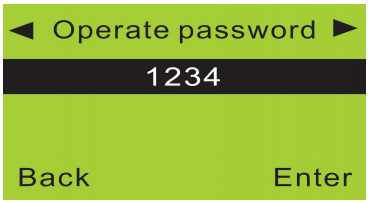


Diagram3: Press Key 6 to enter line rings menu

Diagram3: Press Key 6 to enter line rings menu

3.35. Choice Mode of Alarm Network

Sets the system alarm network, the system can select phone line alarm, Or GSM line alarm, or telephone line + GSM line alarm.

Method: entre into setup mode, press ENTER, enter operator password 1234, then press 6 to choose the alarm mode menu to decide the choice alarm network.

Diagram1: Enter Settings menu

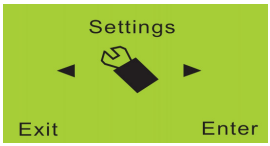


Diagram2: Enter Operate password menu

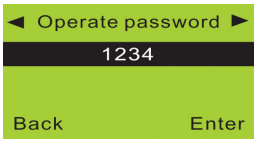


Diagram3: Press Key 6 to enter alarm mode menu

3.36. Factory Reset

If the system ever becomes unstable or if you need to change cellular network, it is recommended to make a full factory reset of the system.

Enter “Settings” menu, and then you will see “Operate password”. Press “6” to choose “Factory setting”. After this operation, all the settings will be restored to factory defaults and all sensors and sirens have to be re-coded too.

Operation figures:

Fig 1: enter settings menu

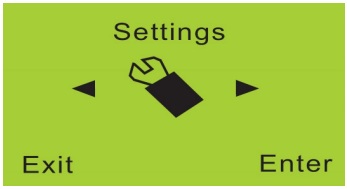


Fig 2: you’ll see operate password menu

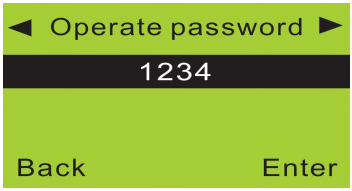


Fig3: press “6” to choose “factory setting”

Fig 4: Press ENTER to confirm

3.37. Password Reset

If users forget the password, they can input **95175308246** in disarm status to retrieve it. The main unit panel will display “Please wait, Back to default password”. After this operation, the operate password will be reset back to factory setting “**1234**” and program password to “**888888**”.

Operation figures:

Fig 1: under disarm status

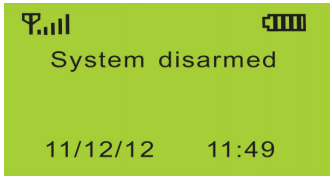


Fig 2: input 95175308246

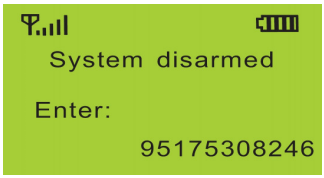
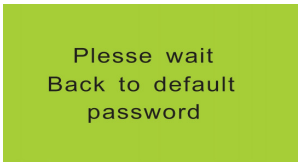


Fig 3: confirm the operation



4. System Usage Instructions

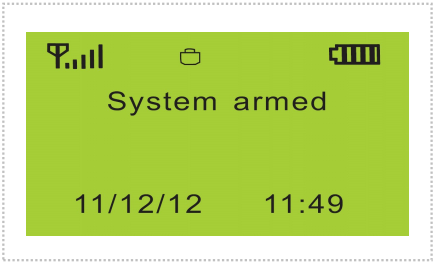
4.1. Out Arm

Out arm means all the defense zones are in arm status. When there is nobody at home, it is recommended to arm the system with all detectors enabled. If any detector is triggered (by intruder, fire, gas leakage, water leak, etc.), the system will make alarm calls and SMS notification.

Use the main unit panel keypad to press [ARM]. You will hear 60 beeps (one per second) and then the screen will display “System armed”.

Remote controller operation: press arm button [ ] on the remote controller.

Main unit panel operation: press [ARM]. The system will enter arm status after the delay time (default: 60 seconds)

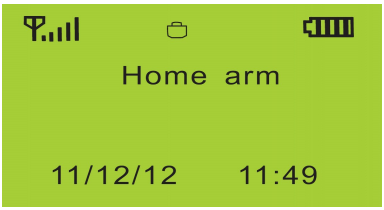


4.2. Home Arm

Home arm means part of the defense zones are in arm status. When there is someone at home, it is recommended, for safety purpose, to enable some of the detectors (such as sensors for door, window, balcony, etc), and disable the others (such as sensors for the hall or some places easy to be triggered by person at home).

Remote controller: press home arm button [ ] on the remote controller.

Main unit panel: press [STAY].



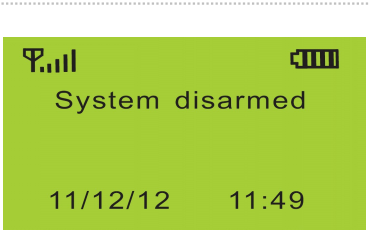
4.3. Disarm

The purpose of disarming the system is to disable **all sensors except those set to 24-hour Arm Delay Mode**. It can be used while the system is armed or while the system is in alarm state.

Use the main unit panel keypad to input user password + #. The screen will display “System disarmed”.

Remote controller: press disarm button [ ] on the remote controller.

Main unit panel: password + ENTER



4.4. Answer Alarm Call

When the main unit panel sounds an alarm, it will dial the preset numbers. If no one answers the call, the system will call the next number automatically. If someone answers the call, they will hear your 10-sceond pre-recorded voice message. Then can then interact with system via their telephone keypad.

If they hang up immediately without answering the call, the system will continue cycling through the preset numbers for three times at most.

Press [*]: Listen to the alarm information.

Press [1]: Main unit panel stops alarming and still keep Arm status; it will stop calling users

Press [2]: Main unit panel stops alarming and change Disarm status; it stops calling users.

Press [3]: Siren off and monitors the scene for 30 seconds; for continued monitoring, press [3] again to monitor for another 30 seconds.

Press [4]: Main unit panel starts a 30-second two-way intercom. It cannot be controlled by the mobile during the time of intercom.

Note: if you use landline only then you need press # at end, otherwise the landline will block 3mints multi phone numbers, e.g if you saved 5 numbers to the system, the landline will block 3x5=15minits
E.g. press [1] instead only, if you use landline only you need press [1 #]

4.5. Remote Control

Dial the number of the main unit panel by phone, and after 1 ring, you will hear a voice prompt “Please enter password”. If the password is correct, you will then hear a voice prompt “Please enter instruction" then you can press **1 to arm**, Press **2 to disarm**, Press **3 to monitor**, or Press **4 to intercom**. If the password is incorrect, you will hear a prompt voice “Wrong password, please re-enter”.

The system default operate password is **1234**. Make sure to enter the password firmly by pressing and holding one digit at a time so you can hear a beep for each key press. **You may need to hold keys for half a second at a time.**

Press [1]: arm, if finished successfully, you will hear a voice prompt “System armed”.

Press [2]: disarm, if finished successfully, you will hear a voice prompt “System disarmed”.

Press [3]: monitoring for 30 seconds, to continue monitoring, press [3] again for another 30 seconds. You can cancel monitoring at anytime by pressing [1] to arm and [2] to disarm.

Press [4]: two-way intercom for 30 seconds. You cannot operate the main unit panel during this time. You can cancel intercom at anytime by pressing [1] to arm and [2] to disarm.

4.6. Emergency Alarm Call

Sometimes, there may be some accidents happening (such as sudden illness of old people or children, fire accident, burglar intrusion). Press [SOS] button on keypad, or [ ] button on remote controller or wireless panic button, the main unit panel will alarm and make call to the preset user numbers.

Remote controller operation: press [ ] button on the remote controller.

Main unit panel operation: press [SOS].

The SMS content for emergency help is: **00 zone SOS alarm**.

4.7. Use as Telephone

In disarmed state, you can use the main unit panel to make any call just like a normal telephone. Dial telephone number on keypad, press [CALL] button and the main unit panel will make a beep and the LCD screen will display the number you are calling. After the call, press [CALL] button again to hang up and the main unit panel will go back to disarmed state.

4.8. Alarm History Review

This alarm system can store 30 alarm records. The last alarm is ranked as the first record. And when the record number exceeds 30, the oldest record will be overwritten automatically.

Method: In disarmed state, input [00] + ENTER, the main unit panel enters the state of Alarm record. Press “4” or “6” to upturn or downturn, and press “Exit” to exit checking.

Fig 1: press 00 in disarm status

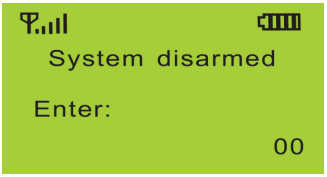


Fig 2: press 4 or 6 to check

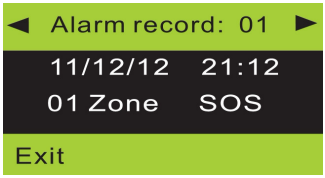
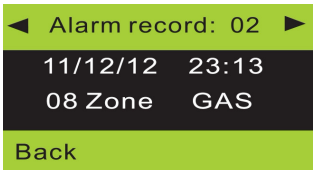


Fig 3: press 4 or 6 to check



5. Technical Specifications

Input Voltage	DC12V/1A
Standby Current	< 35mA
Alarming Current	< 450mA
Wireless Frequency	433MHz, PT2262/EV1527, 4.7MΩ
GSM Frequency	900 / 1800 / 850 / 1900 MHz
Backup Battery	NI-HI AAA*6 DC 7.2V
Siren Volume	< 110dB

Defense Zone	Out Arm	Home Arm	Type	Alarm Information	Siren
Zone 1	effective	invalid	real-time	Door alarm	yes
Zone 2	effective	invalid	real-time	Hall alarm	yes
Zone 3	effective	effective	real-time	Window alarm	yes
Zone 4	effective	effective	real-time	Balcony alarm	yes
Zone 5	effective	effective	24 hours	Fire alarm	yes
Zone 6	effective	effective	24 hours	Gas alarm	yes
Emergency button	effective	effective	24 hours	SOS alarm	no
Zone 7-10	effective	invalid	real-time	SOS alarm	yes
Wired zone（7-10）	effective	invalid	real-time	SOS alarm	yes

Program Password	888888	Remote control	On
Operate password	1234	Siren	Off
Siren sound time	180 sec.	Home Appliance	Optional

6. Care and Maintenance

This wireless alarm system has an excellent design and uses advanced sensitive electronics that require care and dust-free environment. The following suggestions are required to maintain your obligations under the warranty terms, and for prolonging the service life of the system:

- ✧ Place the main unit panel and all accessories out of children reach.
- ✧ Keep the alarm system dry. rain, humidity and various fluids or moisture all will corrupt the electronic circuitry.
- ✧ Do not use or place the alarm system in dirty locations, otherwise the electronic elements will be damaged.
- ✧ Do no place the system in excessively hot locations. High temperature will shorten the service life of electronic equipment, damage batteries, deform or even melt some plastic parts.
- ✧ Do not place the system in excessively cold locations. Otherwise condensation many occur and damage the circuit board of the alarm system.

It is recommended that you check and test the alarm system periodically:

Check the main unit panel every three months:

1. Whether it can arm/disarm normally;
2. Whether it can dial the number for alarm normally;
3. Whether it can receive wireless signals from detectors normally;
4. Whether the back-up battery is self-recharging normally.

Check the wireless detectors once a month:

1. Trigger wireless detectors to ensure that the system can alarm normally;
2. Check all detector/sensor batteries to ensure that the all have good voltage levels;
3. Check whether wireless detectors can send signal to the main unit panel normally.

Check the SIM card:

1. Check the SIM card network signal, credit balance, etc.
2. Make sure the PIN code verification of the SIM card is disabled.
3. Keep the password and SIM card number safe to prevent others from remote controlling the system without permission.

✧ Since the alarm system is continuously in operation or standby mode, the power supply adapter for the main unit panel shall be connected to a safe and reliable mains outlet.

✧ Do not place the system near your bedroom or office desk, because the siren will make very high-pitch sound in case of alarm, which may adversely affect your rest, work, health or your unborn baby.

✧ If the alarm system will not be used for a long time, disconnect it from the power supply.

✧ Do not disassemble, repair or alter the product without permission, or it may cause accidents or fire. PiSector Inc. is NOT responsible for any consequences whatsoever rising from such unauthorized actions.

- ✧ Do not drop the product on the ground or on hard surfaces, as it may lead to intermittent malfunctions and/or system damage or total failure.
- ✧ **Without the approval and consent of relevant authorities, do not set any of the dial out numbers to "911", "112" or "999" or any other emergency service provider.**

Read the suggestions above carefully as they are required to maintain your obligations under the warranty terms, and for prolonging the service life of the system and follow the instructions therein. If any equipment does not work as specified, contact PiSector Inc. [**support@pisector.com**] or your local authorized sales agent.

TAMPERING WITH THE EQUIPMENT IN ANY WAY WILL AUTOMATICALLY VOID YOUR WARRANTY

The following sensors are optional and packed separately

Signal Repeater

Wireless keypad

Wireless Outdoor Siren with flash

Glass Sensor

Panic Button

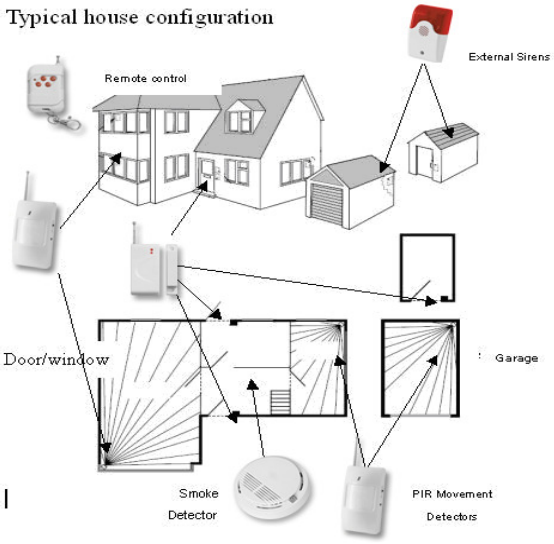
Remote Controller

Wireless Smoke Detector

Gas Detector

Wireless Pet Immune PIR Detector

Choose according to your specific needs



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3.14159265358979323846264338327950288419716939937510582097494459230781640628620899862803482534211706798214808651328230664709384460955058223172535940812848111745028410270193852110555964462294895493038196442881097566593344612847564823378678316527120190914564856692346034861045432664821339360726024914127372458700660631558817488152092096282925409171536436789259036001133053054882046652138414695194151160943305727036575959195309218611738193261179310518548074462379962749567351885752724891227938183011949129833673362440656643086021394946395224737190702179860943702770539217176293176752384674818467669405132000568127145263560827785771342757789609173637178721468440901224953430146549585371050792279689258923542019956112129021960864034418159813629774771309960518707211349999998372978049951059731732816096318595024459455346908302642522308253344685035261931188171010003137838752886587533208381420617177669147303598253490428755468731159562863882353787593751957781857780532171226806613001927876611195909216420198938095257201065485863278865936153381827968230301952035301852968995773622599413891249721775283479131515748572424541506959508295331168617278558890750983817546374649 Sector.com